

57242, A NOVEL HUMAN G PROTEIN-COUPLED RECEPTOR AND
USES THEREFOR

Abstract

The present invention relates to methods and compositions for the diagnosis and treatment of metabolic disorders, including, but not limited to, obesity, diabetes, hyperlipidemia, overweight anorexia, or cachexia. The invention provides isolated nucleic acids molecules, designated 57242 nucleic acid molecules, which encode novel G protein-coupled receptor family members. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 57242 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a 57242 gene has been introduced or disrupted. The invention still further provides isolated 57242 proteins, fusion proteins, antigenic peptides and anti-57242 antibodies. Methods of use of the provided 57242 compositions for screening, diagnostic and therapeutic methods in connection with metabolic disorders are also disclosed.